PTO-1449			Application 10/627,54			Yasuhiko (nmi) Aoki et al.			
511	Information Disclosure Citation In an Application			Docket Numb 064731.0		Group Art Un 2633		Filing Date July 25, 20	003
YAM	057	1006	U.	S. PATENT	DOCUME	NTS			
		DE LIMENT NO.	DATE	NAM	1E	CLASS	SUBCLAS	SS FILIN	G DATE
P	AFE	2003/0025961	02/06/2003	Way		359	119	06/19	9/2002
RJ	В	2003/0128985	07/10/2003	Elbers et al.		398	83	07/09	9/2001
\dashv	C			,					
 	D								
	E								
	F			 		***************************************			
_	G					•			
_	Н								
	I								
	J								
	K	•							
			FOR	EIGN PATE	NT DOCU	MENTS		(FD 4 3/0	T A TOTAL Y
		DOCUMENT NO.	DATE (month/day/year)	cou	NTRY	CLASS	SUBCLAS	SS YES	LATION
RJ	L	WO 03/104849	12/18/2003	Patent Coope	eration Treaty			X	110
เป	M	EP 0 677 935	04/11/1995	European Pat	tent Office				X
ЗJ	N	EP 1 079 248	08/17/2000	European Par	tent Office				x
	O								
			NO	ON-PATENT	DOCUME	ENTS			
		DOCUM	ENT (Includin	g Author, Title,	Source, and	Pertinent Pag	ges)	D	ATE
RJ	P	Notification of Transi mailed March 20, 200	mittal of the Inte	rnational Search al Application N	Report or the o. PCT/US20	Declaration (05/003898.3,	PCT Rule 44. 3 pages		Mailed 0/2006
	Q								
	R					•		·	
								•	
EXA	AMIN	NER /Ralpl	n Jean Bart	/	DATE CON	SIDERED	0	9/11/2006	

101 P & 2005 W

Information Disclosure Citation
In an Application

Application	No.
10/627,5	48
•	

Applicant(s)

Yasuhiko (nmi) Aoki et al.

Docket Number 064731.0339

Group Art Unit Unknown Filing Date
July 25, 2003

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
RJ	A	5,903,371	05/11/1999	Arecco et al.	359	119	10/15/1996
RJ	В	6,456,406	09/24/2002	Arecco et al.	359	119	03/03/1999
RЈ	С	6,456,407	09/24/2002	Tammela et al.	359	119	07/27/2000
RJ	D	6,590,681	07/08/2003	Egnell et al.	359	127	06/09/1999
RJ	E	2002/0067523	06/06/2002	Way	359	119	11/21/2001
RJ	F	2002/0149817	10/17/2002	Kiliccote et al.	359	119	03/29/2002

FOREIGN PATENT DOCUMENTS

·	-	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	G							
	Н							
	I							

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Ti	itle, Source, and Pertinent Page	es)	DATE
J				
К				
L			<u> </u>	
M				
N				
0				
EXAMINER ·	/Ralph Jean Bart/	DATE CONSIDERED	09/15/2006	,

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449

Information Disclosure Citation
PE In an Application

In an Application

Ocket Number

O64731.0339

Application No.

10/627,548

Yasuhiko (nmi) Aoki et al.

Filing Date

July 25, 2003

U.S. PATENT DOCUMENTS

BEST AVAILABLE COPY

77.4	PAUL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
RJ	A	5,771,112	06/23/1998	Hamel et al.	359	128	06/17/1996
RJ	В	5,778,118	07/07/1998	Sridhar	385	24	12/03/1996
	C						
	D						
	E						
	F						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	NO. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		DOCOMENT NO.	Dill				YES	NO
RJ	G	WO 99/65164	23/16/1999	PCT	H04B	10/213	X	
	H	,						
	I			•	į			

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
RJ	J	Kinoshita et al., "Flexible Twin Open Ring Metro WDM Network," OECC, pp. 713-14	October 2003
RJ	K	Tian et al., "OUPSR Protected Flexible Metro WDM Network," ECOC, pp. 826-27	2003
RJ	L	Boskovic et al., "Broadcast and Select OADM Nodes Application and Performance Trade-offs," OFC, pp. 158-59	2002
RJ	M	Kinoshita et al. "Flexible Metro WDM Network with Photonic Domains", Fujitsu Laboratories of America, Inc., 3 pages	February 24-26, 2004
RJ	N	Suzuki et al., "Prototype of 12.5GHz-Spaced Tapped-Type OADM for DWDM Metro Ring Networks," ECOC-IOOC Proceedings - Vol. 4, pp. 902-903	September 21-25, 2003
RJ	0	Wolde, J., et al., "Optical Ethernet Metro Access Network Protype: Implementation and Results," ECOC-IOOC 2003, 3 pages	September 21-25, 2003
EX	AMD	DATE CONSIDERED	

EXAMINER /Ralph Jean Bart/ DATE CONSIDERED 09/15/2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

		٧				•	Page 1 of 1	
PT	O-14	149		Application No. 10/627,548		Yasuhiko (nmi) Aoki et al.		
⁄6	TA	Than Application		Docket Number 064731.0339	Group Art Uni Unknown		Filing Date July 25, 2003	
M		- TOWN	U	S. PATENT DOCUM				
V	TRAC	DOCUMENT NO. DATE		NAME	CLASS	SUBCLAS	S FILING DATE	
RJ	A	2002/0145779 10/10/200		Strasser et al.	359	124	03/15/2002	
	В							
	С							
	D							
	<u> </u>		FOR	EIGN PATENT DOC	IMENTS			
	<u> </u>	1	TRANSLATION					
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLAS	YES NO	
· · · · · · ·	L							
		DOCUM	DATE					
RJ	E	Bacque, B. et al., "R-0	OADM Architect	ure - Now you can Control	the Light," Trop	pic Networks,	2003	
RJ	F	U.S. Patent Application	on Serial No. 10/	108,734, entitled "Method	and System for	Control	03/27/2002	
	G	U.S. Patent Application	on Serial No. 10/	work," filed March 27, 200 108,741, entitled "Method	and System for	Testing During	03/27/2002	
RJ	Н	Operation of an Open	Ring Optical No. 10/	twork," filed March 27, 20 112,022, entitled "Flexible	Onen Ring Ont	ical Network	03/28/2002	
RJ	п	and Method," filed M	arch 28, 2002					
RJ	I	U.S. Patent Application Subnets and Method,"		158,523, entitled "Optical	Ring Network w	rith Optical	05/29/2002	
₹J	J	U.S. Patent Application	on Serial No. 10/	158,348, entitled "Multiple	Subnets in an C	Optical Ring	05/29/2002	
	K	Network and Method,	" filed May 29, 2 on Serial No. 10/	002 159,499, entitled "Combin	ing and Distribu	ting Amplifiers	s 05/30/2002	
RJ		for Optical Network a	nd Method," file	d May 30, 2002				
RJ	L	U.S. Patent Application filed May 30, 2002	on Serial No. 10/	159,307, entitled "Optical	Add/Drop Node	and Method,	05/30/2002	
Ri	M			159,464, entitled "Passive	Add/Drop Ampl	ifier for Optica	o5/30/2002	
	N	• -	on Serial No. 10/	246,053, entitled "Optical"	Network and Dis	stributed Sub-	09/17/2002	
RJ	0	Band Rejections," file	d September 17,	2002 262,818, entitled "Optical	Ring Network w	ith Hub Node	10/01/2002	
RJ		and Method," filed Oc	tober 1, 2002					
RJ	P			448,169, entitled "Optical Conversion," filed May 29,		th Selective	05/29/2003	
		<u> </u>						

EXAMINER DATE CONSIDERED

/Ralph Jean Bart/ 09/15/2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Application No. Applicant(s) PTO-1449 Yasuhiko (nmi) Aoki et al. 10/627,548 **Information Disclosure Citation** Filing Date Docket Number Group Art Unit TP En an Application July 25, 2003 Unknown 064731.0339 OCT 0 7 2003 **U.S. PATENT DOCUMENTS** RJ DOCUMENT NO. 5.446,828 **FILING DATE CLASS SUBCLASS** DATE NAME 03/18/93 23 08/29/95 Woodall 395 04/24/92 359 121 Ota 04/23/96 5,510,920 \mathbf{B} RJ 06/19/96 Okayama et al. 359 128 5,786,916 07/28/98 C RJ 05/21/96 359 110 5,790,285 08/04/98 Mock D RJ 07/18/97 5,949,563 359 124 09/07/99 Takada E RJ 10/12/98 5,999,288 Ellinas et al. 359 119 12/07/99 RJ 07/17/98 6,111,673 G 08/29/00 Chang et al. 359 123 RJ 11/05/97 359 124 H 6,115,156 09/05/00 Otani et al. RJ 09/09/97 6,172,801 B1 Takeda et al. 359 337 01/09/01 RJ 08/09/99 6,192,172 B1 02/20/01 Fatehi et al. 385 17 RJ Solheim et al. 385 06/02/99 6,192,173 B1 24 K 02/20/01 RJ 12/04/97 Chang et al. 119 6,226,111 B1 05/01/01 359 RJ 341.1 6,288,834 B1 06/17/99 09/11/01 359 M Sugaya et al. RJ **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NO. DATE COUNTRY **CLASS SUBCLASS** YES NO N **DOCUMENT (Including Author, Title, Source, and Pertinent Pages)** DATE M. Karol, "Optical Interconnection Using Shuffle Net Multihop Networks in Multi-Connected Ring 1988 RJ Topologies," AT&T Bell Laboratories, Holmdel, NJ 07733, copyright 1988, 10 pages. K. Aly, "Conflict-free Channel Assignment for an Optical Cluster-based Shuffle Network Configuration," 1994 Dept. Electrical & Computer Engineering, University of Central Florida, SIGCOMM 94-8/94 London RJ England UK, copyright 1994, 10 pages. R. Ramaswami et al., "Routing and Wavelength Assignment in All-Optical Networks," IEEE/ACM October 1995 RJ Transactions on Networking, Vol. 3, No. 5, October 1995, 12 pages. R. Ramaswami et al., "Design of Logical Topologies for Wavelength-Routed Optical Networks," IEEE June 1996 R RJ Journal on Selected Areas in Communications, Vol. 14, No. 5, June 1996, 12 pages. G. Li et al., "On the Wavelength Assignment Problem in Multifiber WDM Star and Ring Networks," February 2001 RJ IEEE/ACM Transactions on Networking, Vol. 9, No. 1, February 2001, 9 pages. X. Zhang et al., "An Effective and Comprehensive Approach for Traffic Grooming and Wavelength October 2000 RJ Assignment in SONET/WDM Rings," IEEE/ACM Transactions on Networking, Vol. 8, No. 5, October 2000, 10 pages U.S. Patent Application Serial No. 10/100,616 entitled, "System and Method for Assigning Traffic to March 15, 2002 U RJ Waverlengths in Optical Networks", inventors Ashwin Anil Gumaste et al, 33 pages specification, claims and abstract, Attorney's Docket No. 064731.0262, 4 sheets of drawings DATE CONSIDERED EXAMINER /Ralph Jean Bart/ 09/15/2006 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not

Page	1	of	
	-	••	

U.S. PATENT AND TRADEMARK OFFICE

PT	PTO-1449 Application						Applicant(s) Yasuhiko (nmi) Aoki et al.			
	In	formation Disclosu In an Applica		Docket Numb 064731.0		Group Art Unit		Filing Date July 25,		
			U	J.S. PATENT	DOCUM	ENTS				
		DOCUMENT NO.	DATE	NAME		CLASS	SUBCLA	SS FILING DATE		DATE
RJ	A	6,160,648	12/12/2000	Öberg e	t al.	359	110	C	9/19/	1997
	В									
	С									
	D									
-	E									
	F						·			
	G									
	Н									
	I									
	J									
	K	·								
	L									
	·		FOR	EIGN PATEN	NT DOCU	MENTS				
		DOCUMENT NO.	DATE	COUNT	RY	Y CLASS	SUBCLAS	SS TRA	TRANSLATION	
	M					-		YF	<u>s</u> _	NO
	N			-			-			
	O								<u></u>	
	P				 _					
	Q						 			
		DOCUM	ENT (Including	Author, Title,	Source, and	d Pertinent Pag	es)		DAT	E
RJ	R	Grenfeldt, "ERION-Ericsson optical networking using WDM technology," Ericsson Review							199	8
RJ	S	No. 3, pp. 132-137 Ashmead, "ROADMay	p for the Metro M	farket," Fiberop	tic Product	News, 3 pages (36, 38, and 40)) Oc	tober	2001
RJ	T	Batchellor, "Optical Nand Cable Networks, p		icsson Way," Er	icsson Limi	ited, Business U	nit Transport	2	/22/2	002
	Ü									
EX	AMI	NER /Ralph	Jean Bart/		DATE CO	NSIDERED		09/15/2	006	
		R: Initial if citation considere			nce with MPE	P § 609. Draw line t	hrough citation i	f not in confo	manc	e and not